Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115719.D
Acq On : 23 Jul 2019 15:10
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/24/2019 11:34:49 AM

Quant Time: Jul 24 11:01:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148241	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	627758	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	326399	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	629551	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	459708	20.00	ng		-0.01
87) Perylene-d12	15.51	264	441267	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	718348	79.26	ng		-0.01
7) Phenol-d6	6.50	99	910923	79.21	ng		-0.01
23) Nitrobenzene-d5	7.43	82	839920	77.80	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	286691	75.25	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1484581	79.61	ng		-0.02
79) Terphenyl-d14	12.98	244	1756246	70.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	174490	38.598	ng		98
3) Pyridine	3.40	79	476507	38.851	ng		97
4) n-Nitrosodimethylamine	3.35	42	181414m	40.772	ng		
6) Aniline	6.53	93	631749	39.476	ng		100
8) 2-Chlorophenol	6.66	128	411774	39.519	ng		96
9) Benzaldehyde	6.42	77	283136	39.400	ng		99
10) Phenol	6.52	94	535408	40.107	ng		84
11) bis(2-Chloroethyl)ether	6.60	93	398161	39.175	ng		98
12) 1,3-Dichlorobenzene	6.82	146	459481	39.221	ng		98
13) 1,4-Dichlorobenzene	6.89	146	459217	39.287	ng		97
14) 1,2-Dichlorobenzene	7.05	146	432234	40.452	ng		97
15) Benzyl Alcohol	7.01	79	346159	37.946	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	552891	41.320	ng		98
17) 2-Methylphenol	7.13	107	358163	39.887	ng		98
18) Hexachloroethane	7.39	117	171654	39.565	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	289896	38.653	ng		98
20) 3+4-Methylphenols	7.27	107	417095	39.105	ng		96
22) Acetophenone	7.28	105	547666	38.617	ng	#	98
24) Nitrobenzene	7.45	77	460692	39.563	ng		95
25) Isophorone	7.69	82	826116	38.240	ng		99
26) 2-Nitrophenol	7.77	139	230970	38.536	ng		96
27) 2,4-Dimethylphenol	7.80	122	322951	36.012	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	518465	39.120	ng		100
29) 2,4-Dichlorophenol	8.02	162	363543	38.979	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	400236	37.964	ng		98
31) Naphthalene	8.18	128	1202760	39.561	ng		97
32) Benzoic acid	7.93	122	269167m	36.573	ng		
33) 4-Chloroaniline	8.22	127	520523	38.653	ng		99
34) Hexachlorobutadiene	8.30	225	236242	39.076	ng		99
35) Caprolactam	8.59	113	115229	39.982	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	377873	39.058	ng		99
37) 2-Methylnaphthalene	8.87	142	801944	39.793	ng		98
38) 1-Methylnaphthalene	8.97	142	761157	39.764	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	365002	37.135	ng		98

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Quant Time: Jul 24 11:01:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	250824	44.735	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	252443	35.121	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	270685	36.772	ng		97
46) 1,1'-Biphenyl	9.33	154	975274	38.220	ng		98
47) 2-Chloronaphthalene	9.36	162	800254	37.664	ng		97
48) 2-Nitroaniline	9.45	65	254951	38.768	ng		100
49) Acenaphthylene	9.77	152	1216949	38.654	ng		97
50) Dimethylphthalate	9.63	163	941295	38.331	ng		98
51) 2,6-Dinitrotoluene	9.69	165	209023	37.454	ng		98
52) Acenaphthene	9.95	154	791550	38.943	ng		100
53) 3-Nitroaniline	9.86	138	243788	38.226	ng		97
54) 2,4-Dinitrophenol	9.97	184	102240	35.682	ng		94
55) Dibenzofuran	10.12	168	1089791	37.754	ng		99
56) 4-Nitrophenol	10.02	139	176293	36.251	ng		99
57) 2,4-Dinitrotoluene	10.10	165	285700	39.515	ng		97
58) Fluorene	10.46	166	819571	39.717	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	233602	37.962	ng		97
60) Diethylphthalate	10.33	149	922648	40.099	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	425730	37.203	ng		99
62) 4-Nitroaniline	10.47	138	244310	39.937	ng		95
63) Azobenzene	10.61	77	914932	40.995	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	139264	36.207	ng		99
66) n-Nitrosodiphenylamine	10.57	169	749759	38.286	ng		98
67) 4-Bromophenyl-phenylether	10.94	248	271494	37.738	ng		100
68) Hexachlorobenzene	11.02	284	306965	37.363	ng		96
69) Atrazine	11.09	200	220070	34.256	ng		100
70) Pentachlorophenol	11.20	266	170586	33.947	ng		97
71) Phenanthrene	11.42	178	1266559	39.249	ng		98
72) Anthracene	11.47	178	1290151	38.685	ng		100
73) Carbazole	11.63	167	1166454	39.885	ng		99
74) Di-n-butylphthalate	11.96	149	1454045	40.364	ng		100
75) Fluoranthene	12.61	202	1345225	39.448	ng		98
77) Benzidine	12.73	184	710111	43.605	ng		99
78) Pyrene	12.84	202	1363700	35.013	ng		98
80) Butylbenzylphthalate	13.45	149	614590	37.016	ng		98
81) Benzo(a)anthracene	14.03	228	1178952	38.928	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	426182	39.584	ng		99
83) Chrysene	14.07	228	1144126	37.632	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	847693	41.218	ng	#	98
85) Di-n-octyl phthalate	14.63	149	1323214	40.437	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	951278	36.829	ng		100
88) Benzo(b)fluoranthene	15.08	252	1064345	37.458	ng		100
89) Benzo(k)fluoranthene	15.12	252	943717	37.253	ng		98
90) Benzo(a)pyrene	15.45	252	916961	37.547	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	799199	37.277	ng		99
92) Benzo(g,h,i)perylene	17.44	276	763510	35.708	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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